

NHDOT Natural Resource Agency Coordination Meeting
Wednesday July 17, 2019
John O. Morton Building, 7 Hazen Drive, Concord, NH
9:00 am, Bureau of Environment Conference Room (Room 161)

AGENDA

The following projects/items will be discussed, in approximately this order, at approximately the times listed.

9:00 Finalize April 17, 2019 and June 19, 2019 Meeting Minutes

9:05 Concord, #15877 (LPA) The City of Concord proposes to replace the Hooksett Turnpike Bridge (Bridge No. 200/015) and the Birchdale Road Bridge (Bridge No. 193/027) over Bela Brook and to remove the bridges from the Municipal Read List. Both bridges are in “poor” condition based on the latest inspection report conducted by NHDOT in 2017 and are therefore structurally deficient as well as geomorphically and hydraulically insufficient. The project proposes to replace the bridges with structures that provide one foot of freeboard during the 50-year flood event and convey the 100-year flood event, as well as meet current geomorphic criteria. ([location map & AIR](#)). Pete Walker, Greg Goodrich, and Lindsay Matras from VHB will present an initial review, review alternatives, and on wetland impacts and mitigation. *Environmental concerns:* Wetlands, Stream Crossings – Tier 3, Rare Species/ Natural Communities, Floodplains/Floodways.

9:25 Chatham, #42634 (Br. 135/128) The proposed project is to rehabilitate bridge Chatham 135/128. The bridge has been scoured out. In order to rehabilitate the bridge it has been proposed to add riprap and underpin to stabilize the structure. ([location map & AIR](#)). NHDOT Bureau of Bridge Maintenance will present an initial review and discuss wetland impacts. *Environmental concerns:* Wetlands and Stream Crossing – Tier 3.

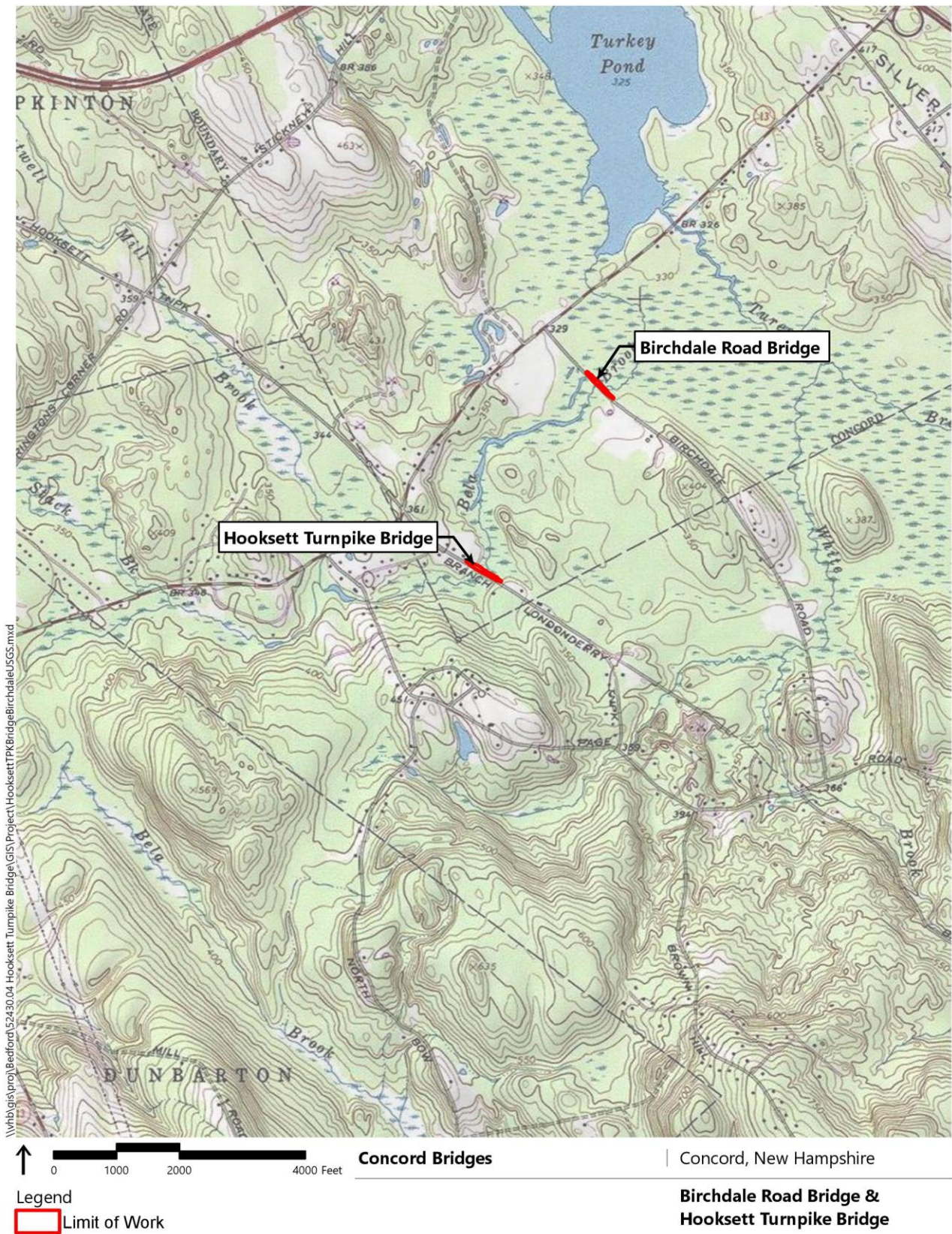
9:35 Berlin, #41367 (X-A004(616)) (LPA) The purpose of this project is to construct a multi-modal Riverwalk along the Androscoggin River from Heritage Park to the Twelfth Street Bridge in Berlin, NH. The Riverwalk will generally consist of a 10’-wide paved path connecting active recreation and greenspace areas through land owned by the City of Berlin. This project is funded in part by the federal Transportation Alternatives Program (TAP), administered through New Hampshire Department of Transportation (NHDOT), and a grant from the Northern Border Regional Commission (NBRC). ([location map & AIR](#)). Jay Poulin, Eric Grenier, and Amelya Saras from HEB Engineers, Inc. will present an initial review of the project. *Environmental concerns:* Wetlands and Protected Shoreland.

9:55 Cornish, #25067 (A003(035)) Cornish Toll Road Covered Bridge over the Connecticut River has been designated as scour critical. FHWA guidelines require a Plan of Action (POA) to protect the bridge from further scour/erosion around the bridge foundations during flood conditions. Rock/stone riprap (NHDOT Stone fill Class A & B) will be placed at selected bank areas and around the exposed pier foundation. Partially grouted riprap (PGR) will be installed in front of both bridge abutments. Temporary access for marine work will be from the downstream right (west/VT) side of the river via a temporary barge staging area requiring temporary piles in the river. ([location map & AIR](#)). Rob Faulkner, from CHA will present on issues during construction and review a new staging location. *Environmental concerns:* Water Quality/ Impaired Waters, Wetlands, Stream Crossing- Tier 3, Floodplains/Floodways, NH Designated River: Connecticut River and Coordination with VT.

Approximate End: 10:05 am

Note: The next scheduled meeting is August 21, 2019 in the
Bureau of Environment Conference Room (Room 161)

Concord, #15877 (LPA)





**NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM**



PROJECT NAME: Concord Bridges No.
200/015 & 193/027

FEDERAL NO.: _____

STATE NO.: 15877

AD DATE: TBD

PROJECT MANAGER: C.R. Willeke

DOT ENV. MANAGER: Ron Crickard

DESIGNER(S): VHB

REQUESTED MEETING DATE (click to view possible dates): July 17, 2019

PROJECT DESCRIPTION

The City of Concord proposes to replace the Hooksett Turnpike Bridge (Bridge No. 200/015) and the Birchdale Road Bridge (Bridge No. 193/027) over Bela Brook and to remove the bridges from the Municipal Red List. Both bridges are in "poor" condition based on the latest inspection report conducted by NHDOT in 2017 and are therefore structurally deficient as well as geomorphically and hydraulically insufficient. The project proposes to replace the bridges with structures that provide one foot of freeboard during the 50-year flood event and convey the 100-year flood event, as well as meet current geomorphic criteria.

TYPE OF REVIEW (check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Initial Review | <input checked="" type="checkbox"/> Review of Alternatives | <input checked="" type="checkbox"/> Wetland Impacts |
| <input checked="" type="checkbox"/> Mitigation Issues | <input type="checkbox"/> Issues during Construction | <input type="checkbox"/> Post-construction Issues |
| <input type="checkbox"/> Other Issues: | | |

RESOURCES OR CONCERNS (check all that apply to project)

- | | | |
|---|--|---|
| <input type="checkbox"/> Water Quality/Impaired Waters | <input checked="" type="checkbox"/> Rare Species/Natural Communities | <input checked="" type="checkbox"/> Floodplains/Floodways |
| <input checked="" type="checkbox"/> Wetlands <u>(File# if applicable)</u> | <input type="checkbox"/> Conservation Land | <input type="checkbox"/> Essential Fish Habitat |
| <input type="checkbox"/> Protected Shoreland <u>(File# if applicable)</u> | <input type="checkbox"/> Coastal Zone | <input type="checkbox"/> Contamination |
| <input checked="" type="checkbox"/> Fisheries/Stream Crossings | <input type="checkbox"/> NH Designated River: <u>Name</u> | <input type="checkbox"/> Other: |

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB18-1585; NHB18-1587

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Introduce the project and get input on the recommended alternative.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

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NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:

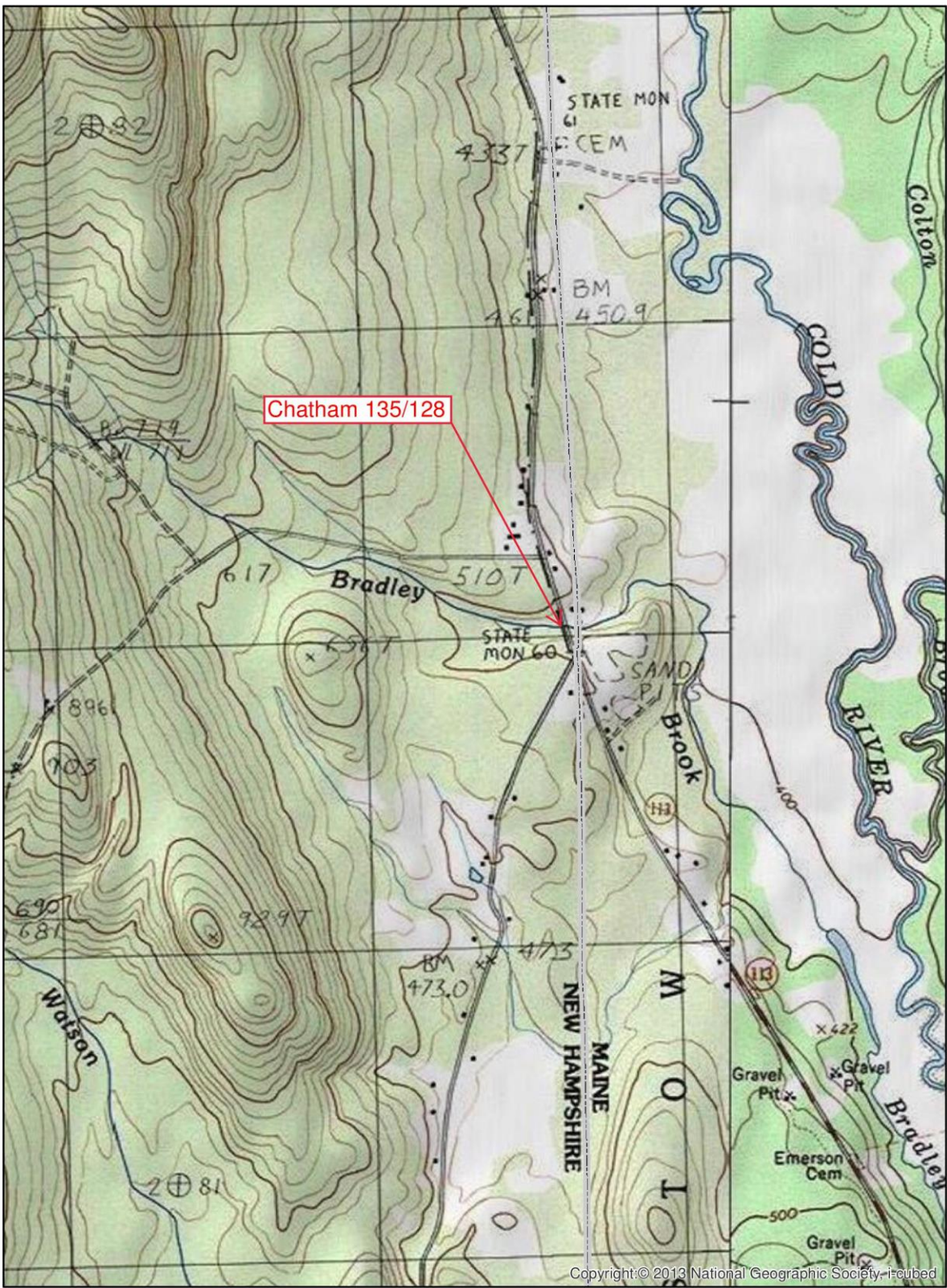
Martha Drukker (MDrukker@ConcordNH.gov), (Pete Walker (pwalker@vhb.com), Greg Goodrich (ggoodrich@vhb.com), Lindsay Matras (lmatras@vhb.com)

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 20 minutes
MINUTES WILL BE PREPARED BY: Pete Walker

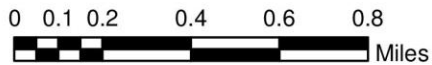
WILL YOU HAVE A POWERPOINT PRESENTATION? ☒ YES ☐ NO

LOCATION MAP ATTACHED ☒

Chatham, #42634 (Br. 135/128)



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**NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM**



PROJECT NAME: Chatham 135/128
FEDERAL NO.: N/A
STATE NO.: 42634
AD DATE: N/A

PROJECT MANAGER: Steve Johnson
DOT ENV. MANAGER: Andrew O'Sullivan
DESIGNER(S): Douglas Locker

REQUESTED MEETING DATE (click to view possible dates): _____

PROJECT DESCRIPTION

The proposed project is to rehabilitate bridge Chatham 135/128. The bridge has been scoured out. In order to rehabilitate the bridge it has been proposed to add riprap and underpin to stabilize the structure.

TYPE OF REVIEW (check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Initial Review | <input type="checkbox"/> Review of Alternatives | <input checked="" type="checkbox"/> Wetland Impacts |
| <input type="checkbox"/> Mitigation Issues | <input type="checkbox"/> Issues during Construction | <input type="checkbox"/> Post-construction Issues |
| <input type="checkbox"/> Other Issues: | | |

RESOURCES OR CONCERNS (check all that apply to project)

- | | | |
|---|---|---|
| <input type="checkbox"/> Water Quality/Impaired Waters | <input type="checkbox"/> Rare Species/Natural Communities | <input type="checkbox"/> Floodplains/Floodways |
| <input checked="" type="checkbox"/> Wetlands (<u>File# if applicable</u>) | <input type="checkbox"/> Conservation Land | <input type="checkbox"/> Essential Fish Habitat |
| <input type="checkbox"/> Protected Shoreland (<u>File# if applicable</u>) | <input type="checkbox"/> Coastal Zone | <input type="checkbox"/> Unknown at this Time |
| <input checked="" type="checkbox"/> Fisheries/Stream Crossing- Tier 3 | <input type="checkbox"/> NH Designated River: <u>Name</u> | <input type="checkbox"/> Other: |

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-1991

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Obtain Concurrence on the design prior to application submittal.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

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NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:

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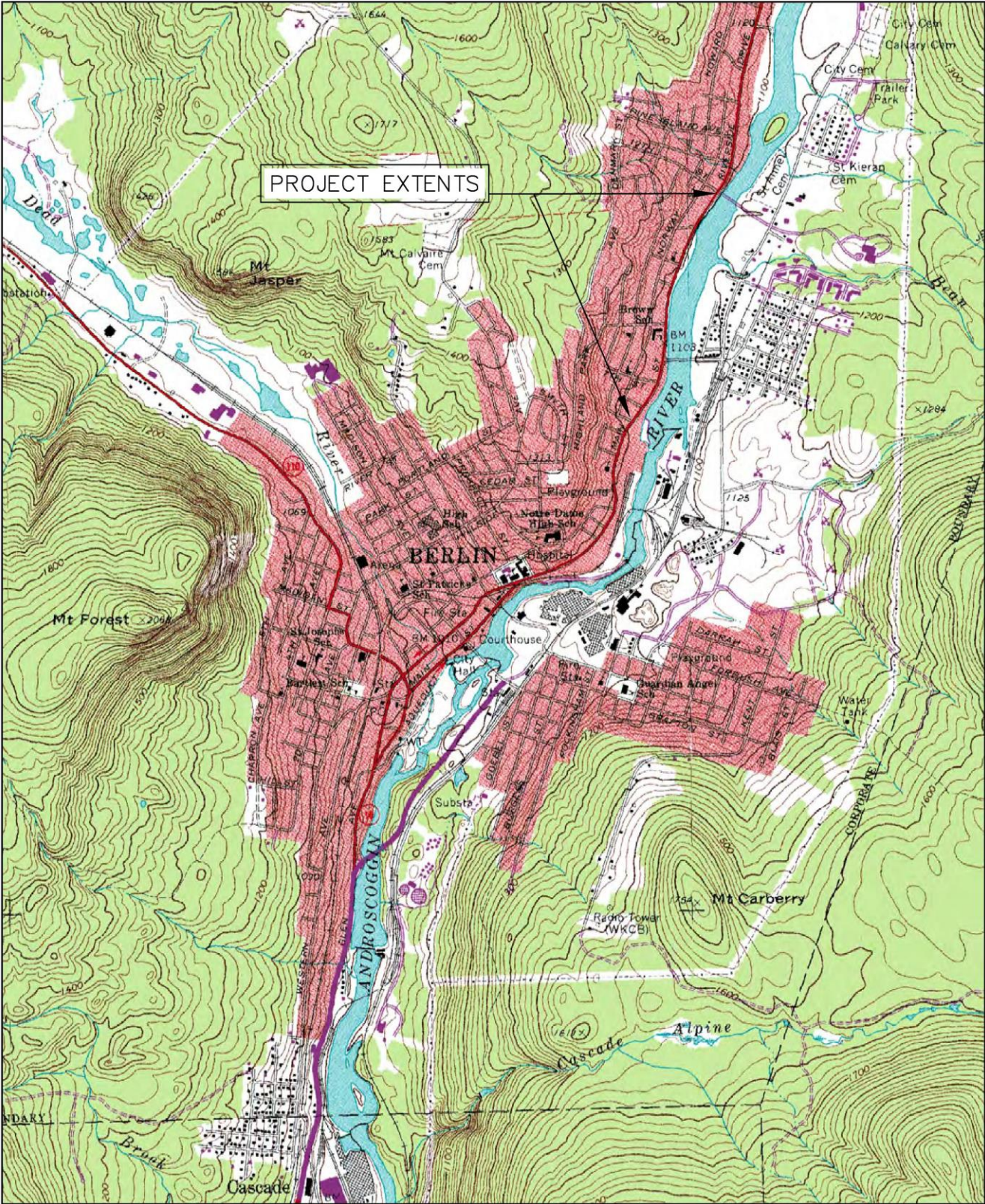
HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes

MINUTES WILL BE PREPARED BY: Douglas Locker based on Sarah Large's notes

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒ YES ☐ NO

LOCATION MAP ATTACHED ☒

Berlin, #41367 (X-A004(616)) (LPA)



HEB
Engineers
CIVIL • STRUCTURAL • SURVEY

HEB Engineers, Inc.
www.hebengineers.com
NH Office (603) 356-6936
Post Office Box 440
North Conway, NH 03860
ME Office (207) 803-8265
Post Office Box 343
Bridgton, ME 04009

USGS Map
for the
Berlin Route 16 Riverwalk
located in and prepared for the
City of Berlin, NH

SK-1

PROJECT 2018-033

DESIGNED BY - REVISION -

DRAWN BY JDS DATE 10/15/2018

CHECKED BY JJP SCALE 1"=2000'



**NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM**



PROJECT NAME: Berlin Riverwalk
FEDERAL NO.: X-A004 (616)
STATE NO.: 41367
AD DATE: _____

PROJECT MANAGER: Robert Hudson, PE
DOT ENV. MANAGER: _____
DESIGNER(S): Jay J. Poulin, PE
HEB Engineers, Inc.

REQUESTED MEETING DATE (click to view possible dates): July 17, 2019

PROJECT DESCRIPTION

The purpose of this project is to construct a multi-modal Riverwalk along the Androscoggin River from Heritage Park to the Twelfth Street Bridge in Berlin, NH. The Riverwalk will generally consist of a 10'-wide paved path connecting active recreation and greenspace areas through land owned by the City of Berlin. This project is funded in part by the federal Transportation Alternatives Program (TAP), administered through New Hampshire Department of Transportation (NHDOT), and a grant from the Northern Border Regional Commission (NBRC).

TYPE OF REVIEW (check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Initial Review | <input type="checkbox"/> Review of Alternatives | <input type="checkbox"/> Wetland Impacts |
| <input type="checkbox"/> Mitigation Issues | <input type="checkbox"/> Issues during Construction | <input type="checkbox"/> Post-construction Issues |
| <input type="checkbox"/> Other Issues: | | |

RESOURCES OR CONCERNS (check all that apply to project)

- | | | |
|--|---|---|
| <input type="checkbox"/> Water Quality/Impaired Waters | <input type="checkbox"/> Rare Species/Natural Communities | <input checked="" type="checkbox"/> Floodplains/Floodways |
| <input checked="" type="checkbox"/> Wetlands <u>(File# if applicable)</u> | <input type="checkbox"/> Conservation Land | <input type="checkbox"/> Essential Fish Habitat |
| <input checked="" type="checkbox"/> Protected Shoreland <u>(File# if applicable)</u> | <input type="checkbox"/> Coastal Zone | <input type="checkbox"/> Contamination |
| <input type="checkbox"/> Fisheries/Stream Crossings | <input type="checkbox"/> NH Designated River: <u>Name</u> | <input type="checkbox"/> Other: |

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-1955

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Review project with Natural Resource Agency to prepare for successful permit applications.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

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NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:

Eric J. Grenier, PE – HEB Engineers, Inc. (egrenier@hebengineers.com)

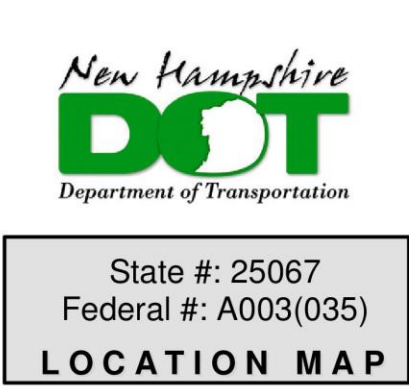
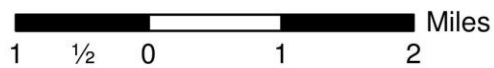
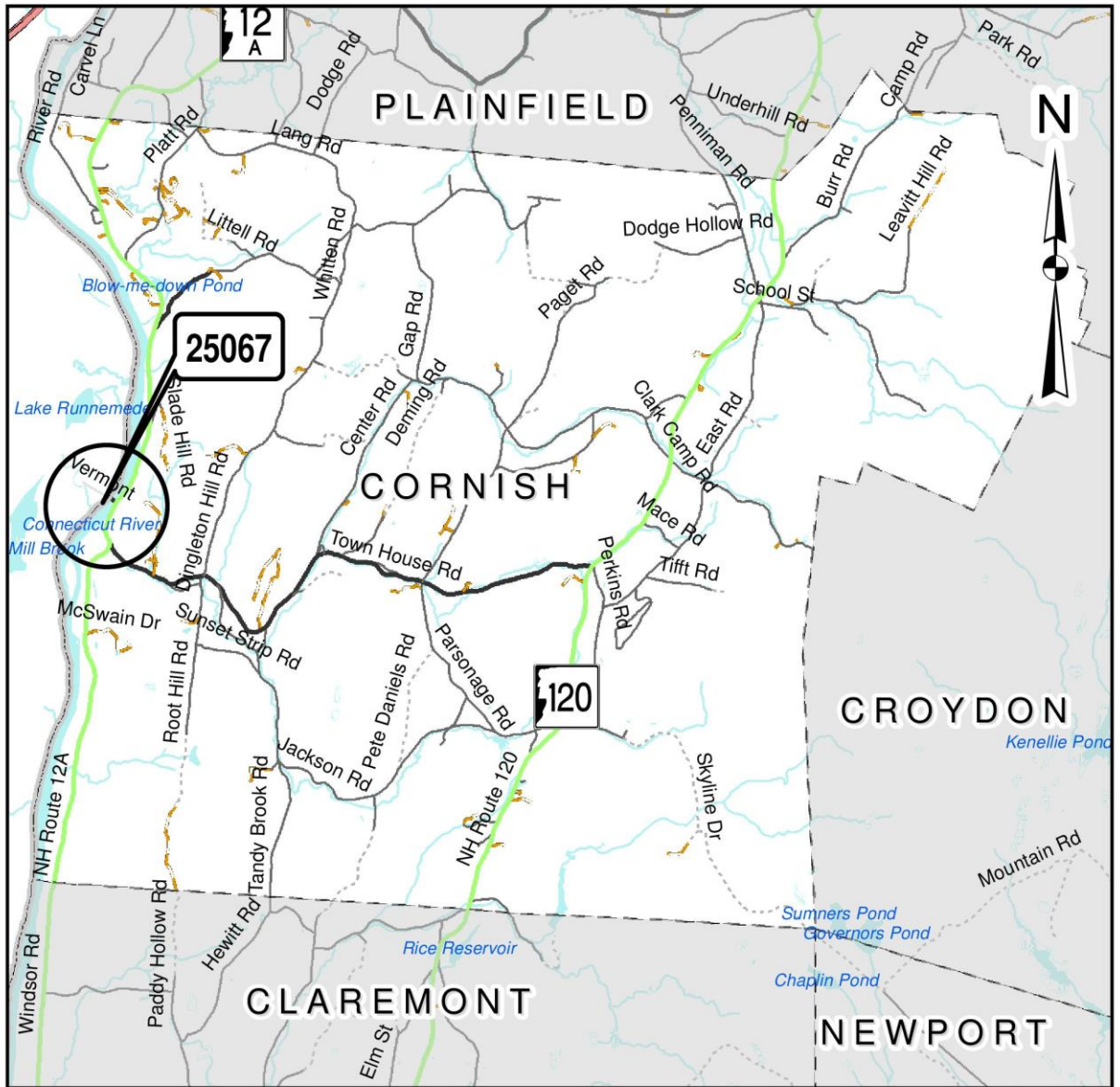
HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Eric J. Grenier, PE

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒ YES ☐ NO

LOCATION MAP ATTACHED ☒

Cornish, #25067 (A003(035))

CORNISH-WINDSOR - CORNISH TOLL BR RD





**NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM**



PROJECT NAME: Cornish Covered
Bridge Countermeasure
Repairs

FEDERAL NO.: A003(035)

STATE NO.: 25067

AD DATE: January 14, 2020

PROJECT MANAGER: Bob Landry

DOT ENV. MANAGER: Ronald Crickard

DESIGNER(S): CHA

REQUESTED MEETING DATE (click to view possible dates): July 17, 2019

PROJECT DESCRIPTION

Cornish Toll Road Covered Bridge over the Connecticut River has been designated as scour critical. FHWA guidelines require a Plan of Action (POA) to protect the bridge from further scour/erosion around the bridge foundations during flood conditions. Rock/stone riprap (NHDOT Stone fill Class A & B) will be placed at selected bank areas and around the exposed pier foundation. Partially grouted riprap (PGR) will be installed in front of both bridge abutments. Temporary access for marine work will be from the downstream right (west/VT) side of the river via a temporary barge staging area requiring temporary piles in the river.

TYPE OF REVIEW (check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Initial Review | <input type="checkbox"/> Review of Alternatives | <input type="checkbox"/> Wetland Impacts |
| <input type="checkbox"/> Mitigation Issues | <input checked="" type="checkbox"/> Issues during Construction | <input type="checkbox"/> Post-construction Issues |
| <input checked="" type="checkbox"/> Other Issues: Review new staging location | | |

RESOURCES OR CONCERNS (check all that apply to project)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Water Quality/Impaired Waters | <input type="checkbox"/> Rare Species/Natural Communities | <input checked="" type="checkbox"/> Floodplains/Floodways |
| <input checked="" type="checkbox"/> Wetlands (<u>File# if applicable</u>) | <input type="checkbox"/> Conservation Land | <input type="checkbox"/> Essential Fish Habitat |
| <input type="checkbox"/> Protected Shoreland (<u>File# if applicable</u>) | <input type="checkbox"/> Coastal Zone | <input type="checkbox"/> Contamination |
| <input checked="" type="checkbox"/> Fisheries/Stream Crossings-Tier 3 | <input checked="" type="checkbox"/> NH Designated River: <u>Connecticut River</u> | <input checked="" type="checkbox"/> Other: Coordination with VT |

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB 19-1049

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Provide an update on the proposed river access. Access has moved from the downstream NH to the downstream VT.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

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|-----------|--|--|--|--|--|--|
| 5/20/2015 | | | | | | |
|-----------|--|--|--|--|--|--|

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:

Rob Faulkner, RFaulkner@chacompanies.com

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes

MINUTES WILL BE PREPARED BY: Rob Faulkner

WILL YOU HAVE A POWERPOINT PRESENTATION? ☐ YES ☒ NO

LOCATION MAP ATTACHED ☒